



Partners and Collaborators:

- ✓ Nevada Department of Wildlife
- ✓ Washoe County
- ✓ Bureau of Land Management

Acres to be Treated:

- ✓ ~1,800 acres of rangeland

Communities & Residents to be Affected or Protected:

- ✓ Last Chance Subdivision (Elko)
- ✓ Palomino Valley (Washoe county)
- ✓ 400 residents
- ✓ 175 homes

Watershed(s):

- ✓ Humboldt watershed
- ✓ Truckee watershed



DEPARTMENT OF
**CONSERVATION &
NATURAL RESOURCES**

Silver State and Perry Fire Aerial Seeding and Planting

Project Purpose

The Silver State Fire burned 3,814 acres in Elko County and the Perry Fire burned 51,400 acres in Washoe County in 2018. This project will restore rangeland vegetation on ~1,800 acres and create enhanced conditions to better protect life and property from catastrophic wildfire as well as maintain sustainable water supplies for municipal, agricultural, and wildlife use.

Project Treatments

Using NDF and contractor helicopters, aerial seeding occurred in late 2018/ early 2019 on the Fires. Seed mixtures varied depending on location and elevation and included a mix of grasses, shrubs, and wild flowers (forbs). Non-native seeds are used for fire restoration due to the success in outcompeting cheatgrass. Over 5,000 sagebrush seedlings were also planted on the Perry Fire in this same time period.

Anticipated Impacts & Outcomes

Treatment implementation will result in positive impacts to private landowners by establishing greenstrips (aka fuel breaks) which protect private property from future fires, establishing beneficial vegetation which suppresses the establishment of cheatgrass, reduces soil erosion, and contributes to improved wildlife habitat.

Project Details

Project Timeline

	Start	to	End
Project Scoping	[7-18]		[11-18]
Resource Inventory	[9-18]		[10-18]
Planning	[9-18]		[1-19]
Funding Search	[9-18]		[1-19]
Funding Acquisition	[10-18]		[1-19]
Implementation	[1-19]		[3-19]
Monitoring	[1-19]		[6-20]

Threats and Risks to the Area

Loss of wildlife habitat, soil erosion, water quality degradation, and conversion to cheatgrass are all possible following wildfires in Nevada. Without seeding, cheatgrass increases considerably which can mean frequent, repeated wildfires.

Nevada's Cohesive Strategy

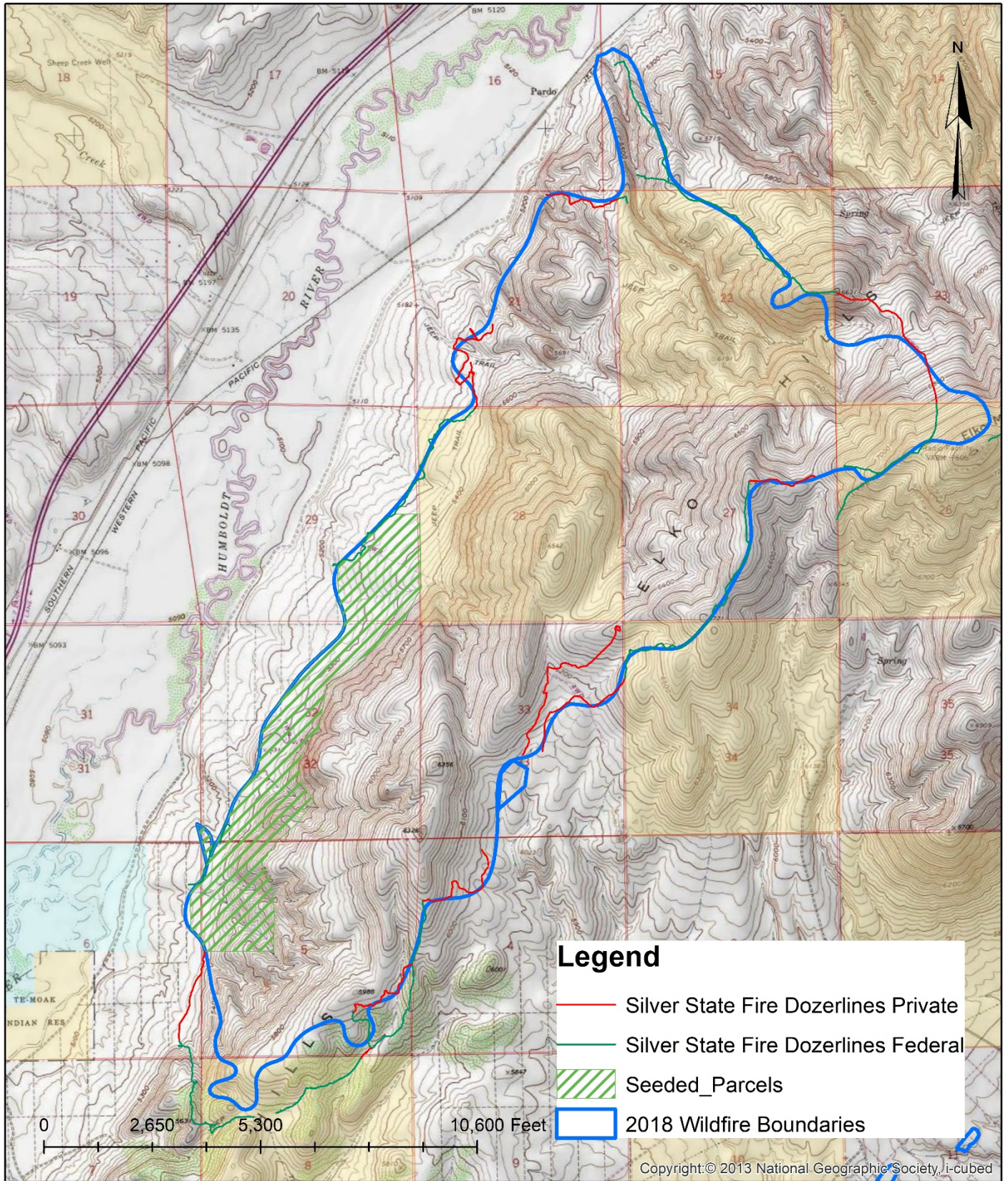
This project is part of the strategy because it allows federal, state and local agencies to be more effective and efficient at maintaining resilient landscapes and creating fire-adapted communities.

Funding Sources

- Nevada Division of Forestry
- Nevada Department of Wildlife
- Bureau of Land Management

For more information contact Heather Giger at (775) 684-2552 or hdgiger@forestry.nv.gov
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RSS 02/12/13

Drawn

GAR 21/08/15

Edited

GAR 19/03/19

Reviewed

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Approved

ABC DD/MM/YY

Title:

2018 SILVER STATE FIRE
HELITACK RESEEDING AREA

Figure Description:

Silver State Fire
Vicinity Map

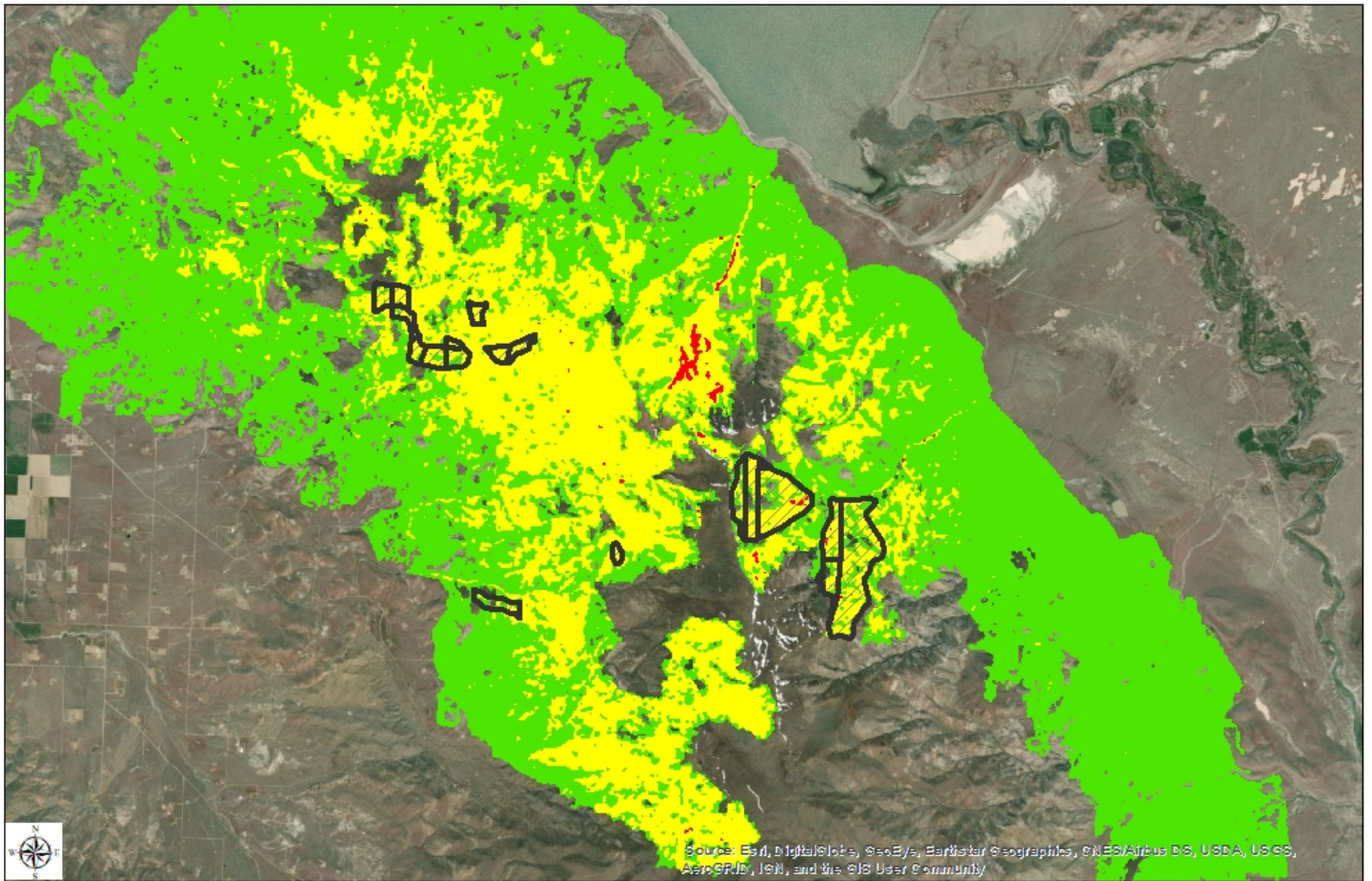
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SilverStateFire.mxd

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Aerial seed

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Design

AMH 12/14/18

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Title:

Perry Fire
burn severity map

Figure Description:

Description

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FIGURE 1

File Name:

Burn and seed

Revision

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